

Traff Data & Associates.

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Traffic Engineering Advocacy Group

(713) 446-8167

I. Samson Ukaegbu, P.E.

Texas Board of Professional Engineers # 83611

Traff Data & Associates TBPE # F-004119

Mr. Samson Ukaegbu is a registered civil engineer in the State of Texas with over 25 years extensive professional experience in traffic operations, transportation planning, and electro-mechanical system integration and installation in both private and public sector. He earned a bachelor of science in Civil Engineering from the University of Nebraska, Lincoln Nebraska (1984). Presently, his traffic engineering skills are directed towards ensuring adequate compliance of traffic engineering standards. He has significant experience in managing city wide traffic and transportation infrastructure projects, private developer's traffic and transportation infrastructure improvement. As the principal in-charge/project manager for Traff Data & Associates, he has guided the City of Pearland for 10 years through delicate traffic infrastructure and mobility issues. He established the traffic engineering study criteria, access management standards along major corridor in the City of Pearland, Texas. He reviewed and recommended approval of all traffic studies, signal plans performed by traffic engineering consultants in the City of Pearland. Moreover, he has guided project managers and project engineers of different traffic consulting firms doing business in Pearland towards a successful result. As the principal/project manager for Traff Data & Associates, he conducted speed studies, corridor assessment, traffic impact study and traffic signal design per TxDOT standards for municipalities and private developers in the state of Texas. He was instrumental in initiating the FM 518 corridor study from League City to City of Pearland.

He served as a project manager for Traff Data & Associates for Seimans Transportation Group METRO ITS contract for bus route and inventory of one hundred and forty four signalized intersection and signal timing.

Mr. Ukaegbu as the City Traffic Engineer for the City of Sugar Land, Texas was instrumental towards the successful takeover of traffic signal from TxDOT and the initial planning of the traffic management center. He guided the City of Sugar Land towards the installation of the first wireless signal communication devices (spread spectrum radio communication) in the Houston Metropolitan Area along Dulles Corridor.

He was a member of transportation planners for Fairfax County Government, Virginia. Responsible for growth management, review of transportation infrastructure, analyzing trends for future development in Fairfax County, Virginia.

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P.O.BOX 963 . Sugar Land, Texas 77478

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EXHIBIT

IP 20

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Partial Listing of Similar Projects Managed By:

I. Samson Ukaegbu, P.E.

Traffic Signal Design along TxDOT Corridor

- FM 762 @ US 59 Traffic signal at rail road crossing in Richmond Texas
- FM 2218 @ Business Center Drive in Richmond, Texas
- FM 685 @ Pflugerville Town Center, in Pflugerville, Texas
- Beltway 8 @ Kirby Drive in Pearland, Texas
- SH 35 @ Bailey Road in Pearland, Texas
- US 90A @ Lane Dive in Richmond, Texas
- SH 35 @ FM 306 in New Brunsfel, Texas

Traffic Engineering Studies performed by Traff Data along TxDOT Major Corridor

- Brazos Town Center- along FM 762/US 59 in Richmond/Rosenburg, Texas
- The Shop at Stone Park- Beltway 8 at Wallisville Road
- Pflugerville Town Center- Pflugerville, Texas
- New Brunsfel Town Center, New Brunsfel, Texas
- Victory Town Center, League City, Texas
- Alvin High School, Alvin, Texas
- Willis Town Center, Willies, Texas
- Major Corridor and Ramp Reversal study along IH-10 between FM 46 and FM 464 in Seguin, Texas.

Cities and County Traffic Transportation Engineer

- City of Pearland, Texas (Present) On-call traffic engineer in charge of city wide traffic operation, and review of traffic studies submitted by other engineering consultants. Traffic signal traffic control center development and signal handover from the Texas Department of Transportation.
- City of West University Place, Texas (2002 to 2009) On-call traffic engineer in charge of city wide traffic operation and maintenance.
- City of Sugar Land, Texas (1998 to 2000) Traffic engineer in charge of the traffic operation division of the fastest growing City in Fort Bend County, Texas.

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- *City of Houston, Texas. Traffic Management and Maintenance (1996 to 1998)*
Developed conceptual design plans for neighborhood traffic calming projects
- *Fairfax County, Virginia Office of Transportation(1988 to 1996)* Formulated and implemented administrative and operational policies, procedures for short and long range transportation issues. Virginia Railroad Express Park and Ride facility upgrade and analysis.

Makrowest, Inc., Richardson, Texas. (1985 to 1988) Managed operation of Electro-mechanical installation unit at Makrowest. Designed and installed surveillance control system, access control and CCTV

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